Preloaded Norland Optical Adhesive NOA 170 Dispensing Barrel (3cc)

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3cc Dispensing Barrel for NOA (NOA 60 shown as an example)

Stock **#12-849** **3 In Stock**

- 1 +

A$67.20

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Volume Pricing	
Qty 1-11	**A$67.20** each
Qty 12-19	**A$60.48** each
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SPECIFICATIONS

General

Size (oz):	0.1

Norland Number:
170

Shelf Life:
4 months

Type:
Barrel

Typical Applications:
High refractive index adhesive with higher viscocity for bonding glass or plastics. Contains nanoparticles.

Note:
Contains 2g of adhesive

Optical Properties

Index of Refraction (n_d):
1.70 @ 589nm

Absorption Range (nm):
315 - 450

Material Properties

Glass Bonding:
Excellent

Metal Bonding:
Good

Plastic Bonding:
Excellent

Viscosity (cps):
4500 - 5500

Bonding Type:
Glass to Glass

Energy for Full Cure (J/cm^2):
6

Environmental & Durability Factors

Durability:
Hard & Brittle

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 251:
Compliant

PRODUCT DETAILS

- Dispensing Syringes Preloaded with 2 or 10g of Adhesive
- Adhesives for Glass, Metal, and Plastic Bonding
- Require a Dispensing Unit & Dispenser Tips for Use
- **Applicator and Bulk Bottles** of Norland Adhesive Also Available

Preloaded Norland Optical Adhesive Syringes are pneumatic dispensing syringes preloaded with either 2g or 10g of Norland Optical Adhesive. Norland Optical Adhesives are one-part, UV curing adhesives that are used for glass, metal, and plastic bonding. A range of adhesives are available to meet specific application requirements such as MIL-A-3920 for defense applications, low outgassing for aerospace applications, or UV transmission for UV optical applications. Preloaded Norland Optical Adhesive Syringes require a **dispensing unit** and **dispensing tips** for use and are ideal for applications requiring precise control of the amount of applied adhesive. Applicators and Bulk Bottles of Norland Adhesive are also available.

TECHNICAL INFORMATION

NORLAND OPTICAL ADHESIVES (NOA) APPLICATION NOTES	
Title	Description
Applying Adhesive	Covers best practices to use when applying Norland Optical Adhesives to ensure an even adhesive layer while avoiding air bubbles.
Chemical Resistance of NOA	Covers the effects of various chemicals on Norland Optical Adhesives including acids, bases, and solvents.
Preventing Lens Separations with NOA	Covers best practices to avoid adhesive failures when bonding optical elements.
Separating Lenses Bonded with NOA	Covers how to unbond optical elements bonded with Norland Optical Adhesives.